

INDICATORS • SPEAKERS • SOUND TRANSDUCERS • ENCLOSURES • MICROPHONES • BATTERY ACCESSORIES

CM09M-10P42-BA-5

Former P/N: CEM-OB97678-422K-L01

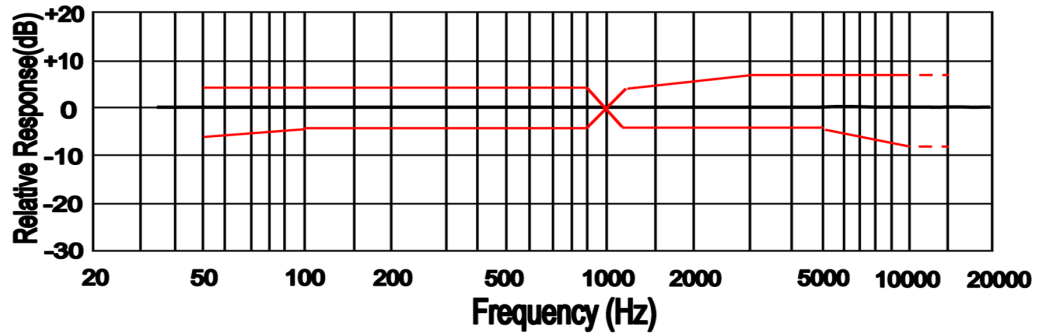
Rev. 4-2019
RoHS3 & REACH
Omni Directional Microphones



Operating Characteristics

ELECTRICAL

Type	Analog
Rated Voltage	4.5 VDC
Operating Voltage	1.0 to 10 VDC
Capacitance	N/A
Max Current	0.5 mA
Impedance	2200 Ω



ACOUSTIC @ 1000 Hz

Technology	Back Electret
Directionality	Omni Directional
Sensitivity	-42 ± 2 dBV/Pa
Min S/N	58 dB

Physical Characteristics

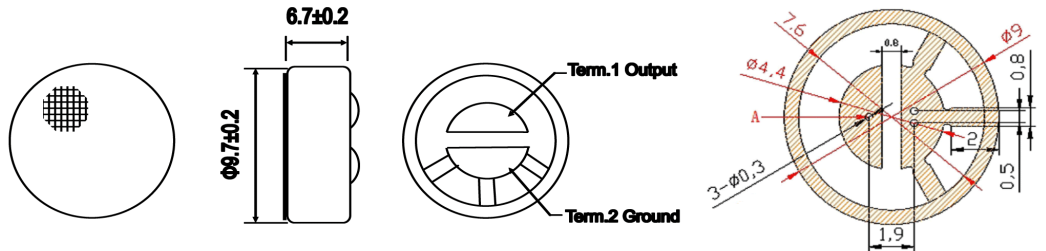
MATERIAL

Housing	Al-Mg Alloy
Solder Pad	Copper Foil

TEMPERATURE RANGES

Operating	-40 to +85 °C
Storage	-40 to +85 °C

Weight 0.7 g



Revision	Description	By	Date
3-2019	Migrate to new format	CF	2019-06-24
4-2019	Corrected sensitivity from 42 dB to -42 dBV/Pa.	JL	2019-12-18

Warranty: For a period of one (1) year from date of shipping under normal operations conditions This warranty does not apply to products damaged through misuse, abuse, improper installation, alteration, rework, or attempt to repair.

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